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Approved for use through 10/31/2002. OMB 0651-0031  
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	<b>Application Number</b>	09/977,791	
	<b>Filing Date</b>	October 15, 2001	
	<b>First Named Inventor</b>	Patricia A. Morris	
	<b>Group Art Unit</b>	1741	
	<b>Examiner Name</b>		
<b>Total Number of Pages in This Submission</b>	4	<b>Attorney Docket Number</b>	CL1713 US NA

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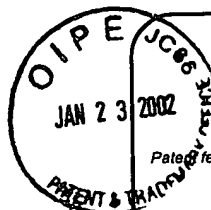
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Power of Attorney Declaration (37 CFR 1.63)</b>
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<b>Remarks</b>	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	John A. Langworthy, Esq.
Signature	
Date	December 18, 2001

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: December 18, 2001			
Typed or printed name	Valencia D. Harper		
Signature		Date	December 18, 2001

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

Application Number 09/977,791  
 Filing Date October 15, 2001  
 First Named Inventor Patricia A. Morris  
 Examiner Name  
 Group / Art Unit 1741  
 Attorney Docket No. CL1713 US NA

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TOTAL AMOUNT OF PAYMENT (\$) 130

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:Deposit  
Account  
Number

04-1928

Deposit  
Account  
Name

E. I. du Pont de Nemours and Company

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 0)

## 2. EXTRA CLAIM FEES

Total Claims  -20 =  0 X  18 =  0  
 Independent Claims  -3 =  0 X  84 =  0  
 Multiple Dependent  X  280 =  0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	130
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type) John A. Langworthy Registration No. Attorney/Agent 32,255 Telephone 302-992-4362  
 Signature *[Signature]* Date December 13, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:  
Patricia A. Morris

CASE NO.: CL1713 US NA

APPLICATION NO.: 09/977,791

CONFIRMATION NO.: 3776

GROUP ART UNIT: 1741

EXAMINER:

FILED: OCTOBER 15, 2001

FOR: METHOD AND APPARATUS FOR ANALYZING MIXTURES OF GASES

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**RESPONSE TO NOTICE TO FILE MISSING  
PARTS OF APPLICATION-FILING DATE GRANTED**

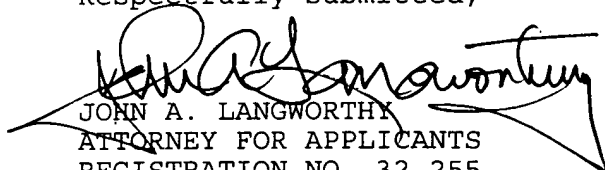
Assistant Commissioner for Patents  
Washington, DC 20231

Attention: Box Missing Parts

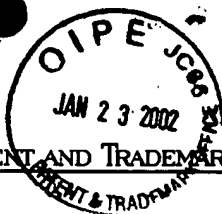
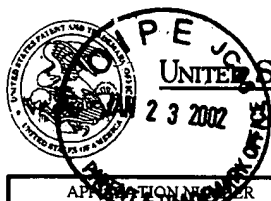
Sir:

In response to the Notice to File Missing Parts of Application mailed November 16, 2001 (a copy of which is attached), enclosed is a Declaration for the above-referenced application. Please charge the \$130.00 surcharge fee applicable for filing the Declaration on a date later than the filing date to Deposit Account 04-1928 (E. I. du Pont de Nemours and Company). If the fee is insufficient or incorrect, please charge or credit the balance to the above-identified account.

Respectfully submitted,

  
JOHN A. LANGWORTHY  
ATTORNEY FOR APPLICANTS  
REGISTRATION NO. 32,255  
TELEPHONE: (302) 992-4362  
FACSIMILE: (302) 992-3257

Dated: 13 December 2001



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/977,791	10/15/2001	Patricia A. Morris	CL1713 US NA

23906  
E I DU PONT DE NEMOURS AND COMPANY  
LEGAL DEPARTMENT - PATENTS  
1007 MARKET STREET  
WILMINGTON, DE 19898

CONFIRMATION NO. 3776

## FORMALITIES LETTER



\*OC000000007079456\*

Date Mailed: 11/16/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

01/28/2002 MAHED1 00000153 041928 09977791

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